

## WHAT IS CLAIMED IS:

1. ~~A server for handling information which is in different~~  
 modal forms suitable for more than one mode of user interface, the server  
 5 comprising:  
     an internet interface for supporting one or more connections on the  
     internet;  
     a terminal interface for supporting one or more connections from  
     the server to user terminals, and for passing information in at least one of  
 10 the modal forms; and  
     a service controller for controlling input or output of the  
     information on the terminal interface and the internet interface, and for  
     processing the information received from or sent to either interface,  
     according to its modal form.
- 15 2. The server of claim 1, the service controller being operable to  
 interact with a user having a multi-modal terminal, and to select which  
 modal form or forms to use.
- 20 3. The server of claim 2, the service controller being arranged to make  
 the selection according to the content of the information, and the context  
 of the interaction.
- 25 4. The server of claim 1, the service controller being operable to  
 receive inputs in different modes simultaneously from the same user, to  
 resolve any conflicts, and determine an intention of the user based on the  
 inputs.
- 30 5. The server of claim 1, the terminal interface being arranged to  
 recognise speech as an input.
6. The server of claim 1, the terminal interface being arranged to  
 generate audio as an output mode.
- 35 7. ~~The server of claim 1, service controller being arranged to conduct~~  
~~a dialogue with the user in the form of a sequence of interactions.~~

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9. The server of claim 1, further comprising means for initiating a  
5 connection to the user's terminal.

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an internet interface for receiving or outputting information from or to other parts of the internet; and

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passing information in different modal forms between the user and the server;

~~controlling input or output of the information on the terminal and~~  
internet interfaces; and

processing the information received from or sent to either interface,  
according to its modal form.

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15. A method of using a multi-modal service provided by a server on  
the internet, the server having an internet interface for supporting one or  
more connections on the internet, a terminal interface for supporting a  
connection to a user of the service, and for passing information in at least  
one of the modal forms; and a service controller for controlling input or  
output of information on the terminal interface and the internet interface,  
and for processing the information received from or sent to either  
interface, according to its modal form, the method comprising the steps of:

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providing input to the terminal interface of the server;

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engaging in a dialogue with the server to cause the server to  
process the information according to its modal form; and

receiving a response from the terminal interface of the server,  
according to the result of the information processing.

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16. Software on a computer readable medium for carrying out a  
method of using a server to handle information in different modal forms  
suitable for more than one mode of user interface, the method comprising  
the steps of:

supporting one or more connections on the internet;

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supporting one or more connections from the server to the user  
terminals;

passing information in different modal forms between the user and  
the server;

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controlling input or output of the information on the terminal and  
internet interfaces; and

processing the information received from or sent to either interface,  
~~according to its modal form.~~

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